

[BELT TENSION ADJUSTMENT APPARATUS AND AN OPTICAL SCANNER USING THE SAME]

Abstract of Disclosure

A belt tension adjustment apparatus and an optical scanner using the same. The belt tension adjustment apparatus includes a plate spring and/or a tension spring. Utilizing the elasticity of the plate spring or the elastic forces provided by the plate spring and the tension spring, a section of the transmission belt bends to produce a tension in the belt. With the belt tension adjustment apparatus, belt tension in the transmission belt can be easily adjusted and hence the belt can be easily mounted or dismounted from the belt wheels during installation, maintenance or adjustment.